



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/509,948	10/04/2004	Theodore Frederick Simpson	PU020095	3123

24498 7590 10/31/2005

THOMSON LICENSING INC.
PATENT OPERATIONS
PO BOX 5312
PRINCETON, NJ 08543-5312

EXAMINER

TRAN, THUY V

ART UNIT PAPER NUMBER

2821

DATE MAILED: 10/31/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/509,948

Applicant(s)

SIMPSON, THEODORE
FREDERICK

Examiner

Thuy V. Tran

Art Unit

2821

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 03 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 10/04/2004 incl. preliminary amendment.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-6 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-6 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 04 October 2004 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- ☒ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 10/04/2004.
- ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- ☐ Notice of Informal Patent Application (PTO-152)
- ☐ Other: _____.

DETAILED ACTION

This is a response to the Applicant's filing on 10/04/2004 and preliminary amendment concurrently filed therewith. In virtue of this amendment, claims 1-6 are currently presented in the instant application.

Information Disclosure Statement

1. The information disclosure statement (IDS) submitted on 10/04/2004 is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner.

Drawings Objections

2. The drawings are objected to because (a) Figs. 3 and 4 are not labeled correctly, and (b) reference numerals "19" are used for both parts/devices ("19" should be deleted).

3. Figures 3 and 4 should be designated by a legend such as --Prior Art-- because only that which is old is illustrated. See MPEP § 608.02(g). Corrected drawings in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. The replacement sheet(s) should be labeled "Replacement Sheet" in the page header (as per 37 CFR 1.84(c)) so as not to obstruct any portion of the drawing figures. If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Claim Rejections - 35 USC § 102

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

Art Unit: 2821

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting directly or indirectly from an international application filed before November 29, 2000. Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

5. Claims 1-6 are rejected under 35 U.S.C. 102(e) as being anticipated by Truskalo et al. (U.S. Patent No. 6,437,523 B1).

With respect to claim 1, Truskalo et al. discloses, in Figs. 1 and 2a, a video display apparatus comprising (1) a cathode ray tube having a display screen with a shorter first axis and a longer second axis perpendicular to said first axis (see col. 1, lines 13-29), (2) a first deflection field generator [60] for producing a first deflection field in a beam path of an electron beam of said cathode ray tube at a first deflection frequency to vary a position of said electron beam, alternately, in a direction of said first axis and in a direction that is opposite to said first axis to provide for bi-directional scanning (see col. 2, lines 8-22; col. 3, lines 7-50), and (3) a second deflection field generator [20] for producing a second deflection field in a beam path at a second deflection frequency lower than said first deflection frequency to vary a position of said electron beam, alternately, in a direction of said second axis and in a direction that is opposite to said second axis (see col. 2, lines 8-22 and 41-51).

With respect to claim 2, Truskalo et al. discloses, in Figs. 1 and 2a, that in normal viewing, said first axis is disposed in a vertical direction with respect to a viewer.

Art Unit: 2821

With respect to claim 3, Truskalo et al. discloses, in Figs. 1 and 2a, that at least one of said first and second deflection generators comprises a deflection winding (see col. 3, lines 13-15) that produces a magnetic deflection field (see col. 3, lines 25-29).

With respect to claim 4, Truskalo et al. discloses, in Fig. 1, that the first deflection field varies in a sinusoidal manner (which has $80 \cdot V_{p-p}$).

With respect to claim 5, Truskalo et al discloses, in Fig. 1, that the second deflection filed includes a portion that varies in a flyback manner (via IHVT; see col. 2, lines 52-59).

With respect to claim 6, Truskalo et al. discloses, in Figs. 1 and 2a, that the display screen has an aspect ratio of 4 by 3 (which is equivalent to the width and height of the screen; see col. 1, lines 23-28).

Citation of relevant prior art

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Prior art Uwabata et al. (U.S. Patent No. 6,534,920 B1) discloses a horizontal deflection circuit and bidirectional horizontal deflection apparatus.

Prior art Nio et al. (U.S. Patent No. 6,429,899 B1) discloses a video display apparatus.

Prior art Tadano et al. (U.S. Patent No. 6,208,320 B1) discloses a video apparatus.

Prior art Spruck (U.S. Patent No. 4,988,927) discloses a deflection circuit for a television picture tube.

Prior art Ambrico et al. (U.S. Patent No. 3,809,947) discloses a sine wave deflection system.

Art Unit: 2821

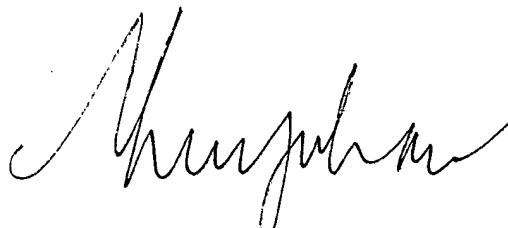
Inquiry

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thuy V. Tran whose telephone number is (571) 272-1828. The examiner can normally be reached on M-F (8:00 AM -5:00 PM).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Don Wong can be reached on (571) 272-1834. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

10/30/2005

A handwritten signature in black ink, appearing to read 'Thuy V. Tran', is written over a light gray grid background.

**THUY V. TRAN
PRIMARY EXAMINER**